

**CLEAN SET OF CLAIMS**

19. An isolated antibody or fragment thereof which specifically binds to a CD39L2 polypeptide having the amino acid sequence of SEQ ID NO; 2.
20. The antibody of claim 19 which is a monoclonal antibody.
21. The antibody fragment of claim 19 which is a fragment of a monoclonal antibody.
22. A hybridoma which produces the monoclonal antibody of claim 20.
23. The antibody of claim 19 which is a polyclonal antibody.
24. The antibody fragment of claim 19 which is a fragment of a polyclonal antibody.
25. The antibody of claim 19 which comprises a detectable label.
26. The antibody of claim 25 wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or parametric moiety.
28. A kit comprising (a) the antibody or antibody fragment of claim 19 and (b) a polypeptide having the amino acid of SEQ ID NO: 2 or an immunologically reactive fragment of said polypeptide.
29. A kit comprising (a) the antibody or antibody fragment of claim 19 and (b) a wash reagent or a reagent capable of detecting the presence of a bound antibody.